

Congestion Management Plan Update
Montgomery MPO

PC-Travel Reports for study: Carter Hill Rd AM NB Study

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Study Name : **Carter Hill Rd AM NB Study**

Study Date : **12/17/2013**

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Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/After	Run Type
Carter Hill Rd AM-NB-001 t	12/17/13	08:40	5820	Before	Secondary
Carter Hill Rd AM-NB-002 t	12/18/13	07:02	5836	Before	Secondary
Carter Hill Rd AM-NB-003 t	12/18/13	07:14	5870	Before	Secondary

Node Info

#	Len	Name
1	0	McGehee Rd
2	1353	Crawford St
3	1081	Lansdowne Dr
4	111	Lansdowne Dr
5	1217	Fernway Dr
6	453	Knights Bridge Curve
7	888	Canterbury Dr
8	668	Vaughn Rd

Notes:

Length of Study Route = 5,771 feet

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 Study Date : **12/17/2013**
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Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 0 MPH	Time <= 20 MPH	Time <= 35 MPH
1	0	McGehee Rd							
2	1353	Crawford St	57.7	0.7	16.0	30.7	4.7	37.0	57.7
3	1081	Lansdowne Dr	39.0	0.7	18.9	17.7	1.0	21.7	38.0
4	111	Lansdowne Dr	3.7	0.0	20.6	0.7	0.0	1.3	3.7
5	1217	Ferway Dr	28.3	0.0	29.3	4.3	0.0	0.7	28.3
6	453	Knights Bridge Curve	17.0	0.3	18.2	7.7	2.3	7.3	16.3
7	888	Canterbury Dr	17.7	0.0	34.3	0.7	0.0	0.0	9.3
8	668	Vaughn Rd	40.7	0.7	11.2	27.7	16.3	28.7	37.7
Total	5,771		204.0	2.3	19.3	89.3	24.3	96.7	191.0

Stats based on 3 BEFORE runs.
 Stops based on a Stop Speed of 5 MPH.
 Total Delay based on a Normal Speed of 35 MPH.

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Detailed Statistics By Run

Travel Time (sec) by Section

Carter Hill Rd AM-NB-001 t
 Carter Hill Rd AM-NB-002 t
 Carter Hill Rd AM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	McGehee Rd			
2	1353	Crawford St	47	45	81
3	1081	Lansdowne Dr	23	41	53
4	111	Lansdowne Dr	3	3	5
5	1217	Ferway Dr	28	28	29
6	453	Knights Bridge Curve	10	10	31
7	888	Canterbury Dr	20	15	18
8	668	Vaughn Rd	37	13	72
Totals	5771		168	155	289

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Study Name : **Carter Hill Rd AM NB Study**
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Detailed Statistics By Run

Average Speed (MPH) by Section

Carter Hill Rd AM-NB-001 t
 Carter Hill Rd AM-NB-002 t
 Carter Hill Rd AM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	McGehee Rd			
2	1353	Crawford St	19.8	20.9	11.6
3	1081	Lansdowne Dr	32.0	17.8	13.9
4	111	Lansdowne Dr	30.7	23.7	17.2
5	1217	Ferway Dr	29.5	29.3	27.9
6	453	Knights Bridge Curve	31.2	31.6	10.2
7	888	Canterbury Dr	30.0	39.9	34.9
8	668	Vaughn Rd	12.1	35.9	6.0
Totals	5771		23.5	25.5	13.7

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Detailed Statistics By Run

Total Delay (sec) by Section

Carter Hill Rd AM-NB-001 t
 Carter Hill Rd AM-NB-002 t
 Carter Hill Rd AM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	McGehee Rd			
2	1353	Crawford St	20	18	54
3	1081	Lansdowne Dr	2	19	32
4	111	Lansdowne Dr	0	0	2
5	1217	Ferway Dr	4	4	5
6	453	Knights Bridge Curve	0	1	22
7	888	Canterbury Dr	2	0	0
8	668	Vaughn Rd	24	0	59
Totals	5771		52	42	174

Total Delay based on a Normal Speed of 35 MPH.

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Detailed Statistics By Run

Time <= 0 MPH by Section

Carter Hill Rd AM-NB-001 t
Carter Hill Rd AM-NB-002 t
Carter Hill Rd AM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	McGehee Rd			
2	1353	Crawford St	4	0	10
3	1081	Lansdowne Dr	0	0	3
4	111	Lansdowne Dr	0	0	0
5	1217	Ferway Dr	0	0	0
6	453	Knights Bridge Curve	0	0	7
7	888	Canterbury Dr	0	0	0
8	668	Vaughn Rd	5	0	44
Totals	5771		9	0	64

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Detailed Statistics By Run

Time <= 20 MPH by Section

Carter Hill Rd AM-NB-001 t
 Carter Hill Rd AM-NB-002 t
 Carter Hill Rd AM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	McGehee Rd			
2	1353	Crawford St	23	18	70
3	1081	Lansdowne Dr	0	19	46
4	111	Lansdowne Dr	0	0	4
5	1217	Ferway Dr	0	0	2
6	453	Knights Bridge Curve	0	0	22
7	888	Canterbury Dr	0	0	0
8	668	Vaughn Rd	26	0	60
Totals	5771		49	37	204

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Detailed Statistics By Run

Time <= 35 MPH by Section

Carter Hill Rd AM-NB-001 t
 Carter Hill Rd AM-NB-002 t
 Carter Hill Rd AM-NB-003 t

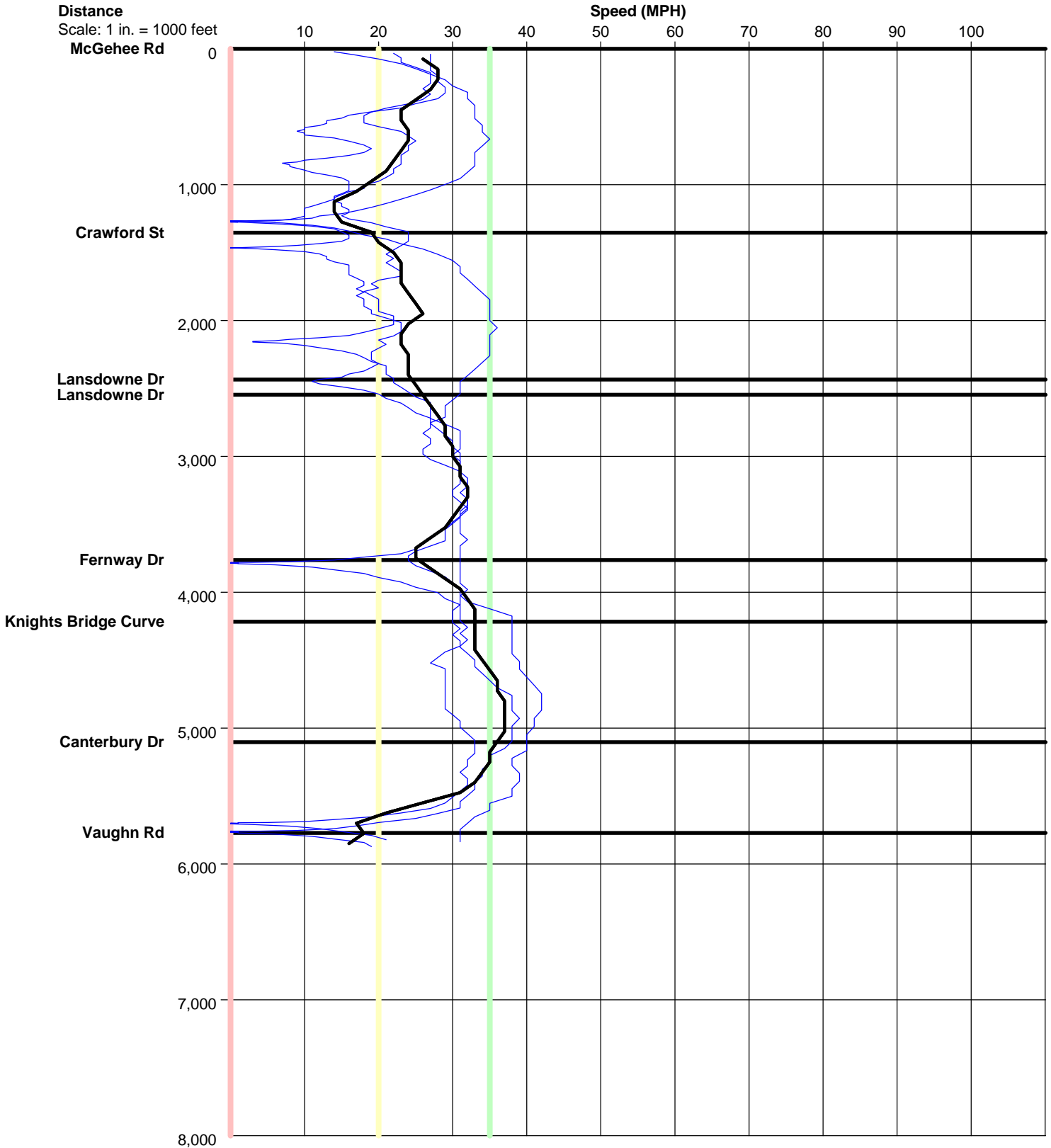
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	McGehee Rd			
2	1353	Crawford St	47	45	81
3	1081	Lansdowne Dr	20	41	53
4	111	Lansdowne Dr	3	3	5
5	1217	Ferway Dr	28	28	29
6	453	Knights Bridge Curve	10	8	31
7	888	Canterbury Dr	20	0	8
8	668	Vaughn Rd	37	5	71
Totals	5771		165	130	278

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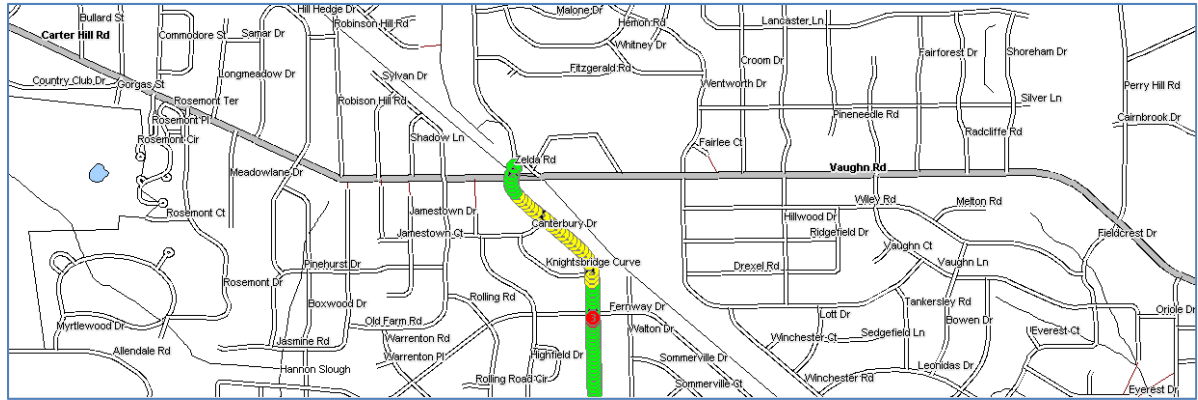
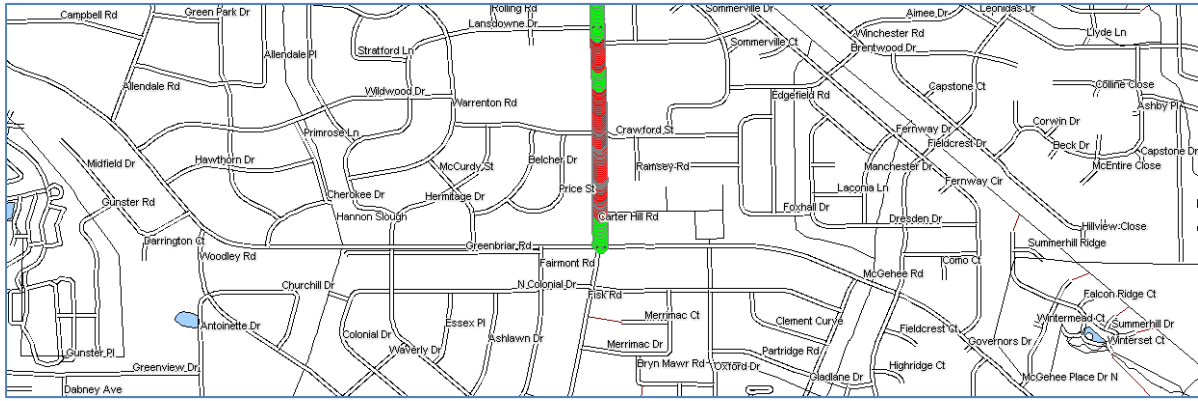
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Speed/Distance Profiles of All Runs



Carter Hill Rd AM NB



Color Code Speeds				
■	Speed 1	0	To	20
■	Speed 2	20	To	35
■	Speed 3	35	To	99